

Form PTO-1449

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

Pocket Number (Optional)
6061 PApplication Number
09/494,278Applicant
Pope, et al.Filing Date
January 30, 2000

Group Art Unit

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
01	3,102,536	9/6/1963	Rose et al	128	92	
	3,584,318	6/15/1971	Scales et al	3	1	
	3,658,056	4/25/1972	Huggler et al	128	92	
	3,683,421	8/15/1972	Martins	3	1	
	3,723,995	4/3/1973	Baumann	3	1	
	3,864,758	2/11/1975	Yakich	3	1	
	3,871,031	3/18/1975	Boutin	3	1	
	3,894,297	7/15/1975	Mittelmeyer	3	1	
	3,977,026	8/31/1976	Battault	3	1.91	
	4,005,495	2/1/1977	Locke et al	3	1.91	
	4,031,570	6/28/1977	Frey	3	1/1.912	
	4,115,875	9/26/1978	Rambert et al	3	1.913	
	4,126,924	11/28/924	Akins et al	29	423	
	4,164,794	8/21/1979	Spector et al	3	1.912	
	4,166,292	9/4/1979	Bokros	3	1.91	
	4,214,322	7/29/1980	Kraus	3	1.91	
	4,206,517	6/10/1980	Pappas et al	3	1.91	
	4,349,922	9/21/1982	Agee	3	1.91	
	4,454,612	6/19/1984	McDaniel et al	3	1.913	
	4,535,486	8/20/1985	Roberts et al	623	22	
	4,547,910	10/22/1985	Roberts et al	623	18	
07	4,687,487	8/18/1987	Hintermann	623	18	

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

"Glass Coating for Artificial Joints Allows Bone Bonding" article from Internet (3 pages).

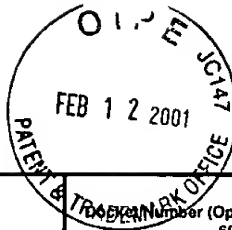
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Primary Examiner

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01	4,731,088	3/15/1988	Collier	623	22	
	4,784,662	11/15/1988	Muller	623	22	
	4,813,959	3/21/1989	Cremascoli	623	22	
	4,822,368	4/18/1989	Collier	623	22	
	4,840,631	1/20/1989	Mathys	623	22	
	4,842,605	6/27/1989	Sonnerat et al	623	22	
	4,846,839	7/11/1989	Nolles	623	18	
	4,865,606	9/12/1989	Rehder	623	20	
	4,878,917	11/7/1989	Kranz et al	623	18	
	4,922,898	5/8/1990	Dunn	606	85	
	4,957,510	9/18/1990	Cremascoli	623	23	
	4,959,066	9/25/1990	Dunn et al	606	89	
	4,969,910	11/13/1990	Frey et al	623	22	
	5,092,898	3/3/1992	Bekki et al	623	22	
	5,002,578	3/26/1991	Luman	623	23	
	5,002,579	3/26/1991	Copf et al	623	23	
	5,002,580	3/26/1991	Noble et al	623	23	
	5,002,581	3/26/1991	Paxson et al	623	23	
	5,047,060	9/10/1991	Henssge et al	623	23	
	5,047,062	9/10/1991	Pappas et al	623	23	
	5,080,685	1/14/1992	Bolesky et al	623	23	
9)	5,108,451	4/28/1992	Forte	623	23	

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

"Protecting Artificial Joints" article from internet (3 pages).

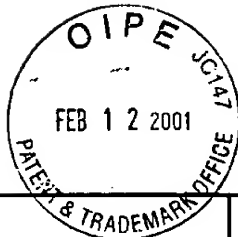
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INFORMATION DISCLOSURE CITATION IN AN APPLICATION		
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Applicant Pope, et al.		
Filing Date January 30, 2000	Group Art Unit	

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
01	5,108,451	4/28/1992	Forte	623	23	
	5,108,452	4/28/1992	Fallin	623	23	
	5,116,380	5/26/1992	Hewka et al	623	23	
	5,133,763	7/28/1992	Mullers	623	22	
	5,152,794	10/6/1992	Davidson	623	16	
	5,152,795	10/6/1992	Solshansl et al	623	16	
	5,156,624	10/20/1992	Barnes	623	22	
	5,163,963	11/17/1992	Hewka et al	623	23	
	5,181,926	1/26/1993	Koch et al	623	22	
	5,181,928	1/26/1993	Bolesky et al	623	23	
	5,192,323	3/9/1993	Shetty et al	623	16	
	5,258,033	11/2/1993	Lawes et al	623	23	
	5,284,483	2/8/1994	Johnson et al	606	86	
	5,310,408	5/10/1994	Schryver et al	623	22	
	5,330,481	7/19/1994	Hood et al	606	99	
	5,358,532	10/25/1994	Evans et al	623	22	
	5,370,694	12/6/1994	Davidson	623	16	
	5,380,547	1/10/1995	Higgins	427	2.26	
	5,405,394	4/11/1995	Davidson	623	18	
	5,507,814	4/16/1996	Gilbert et al	623	16	
	5,507,824	4/16/1996	Lennox	623	22	
07	5,507,830	4/16/1996	DeMane et al	623	23	

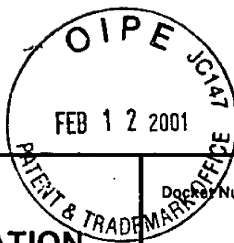
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

07	Baker, N., "Fixation and Prosthetic Joints" article from http://www.ncsu.edu website (1998).
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EXAMINER David J. Isabella Primary Examiner	DATE CONSIDERED 3/02
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
01	5,514,184	5/7/1996	Doi et al	623	23	
	5,549,700	8/27/1996	Graham et al	623	22	
	5,571,195	11/5/1996	Johnson	623	18	
	5,571,203	11/5/1996	Masini	623	23	
	5,591,233	1/7/1997	Kelman et al	623	16	
	5,641,323	6/24/1997	Caldarise	623	22	
	5,645,601	7/8/1997	Pope et al	623	18	4/16/1996
	5,676,704	10/14/1997	Ries et al	623	18	11/28/1995
	5,702,448	12/30/1997	Buechel et al	623	16	7/5/1995
	5,702,473	12/30/1997	Albrektsson et al	623	22	12/21/1994
	5,702,487	12/30/1997	Averill et al	623	23	4/23/1996
	5,728,161	3/17/1998	Camino et al	623	19	6/8/1995
	5,800,560	9/1/1998	Draenert	623	23	5/13/1997
	5,861,042	1/19/1999	Buechel et al	623	16	4/1/1997
	5,868,796	2/9/1999	Buechel et al	623	16	8/12/1997
	5,879,404	5/9/1999	Bateman et al	623	22	4/21/1997
	5,879,407	3/9/1999	Waggener	623	22	7/17/1997
	5,876,459	5/2/1999	Powell	623	18	8/30/1996
	5,879,397	3/9/1999	Kalberer et al	623	22	10/17/1994
	5,879,405	3/9/1999	Ries et al	623	22	5/23/1997
	5,879,407	3/9/1999	Waggener	623	22	7/17/1997
	5,906,644	5/25/1999	Powell	623	23	6/30/1997
07	5,888,208	5/30/1999	Ro	623	23	6/27/1997

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DI	4,708,496	11/24/1987	McPherson	384	303	
	4,756,631	7/12/1988	Jones	384	95	
	4,922,298	2/12/1991	Deutchman et al	427	38	
	5,055,318	10/8/1981	Deutchmann et al	427	38	
	5,092,687	3/3/1992	Hall	384	303	
	5,368,398	11/29/1994	Damm et al	384	303	
	5,364,192	11/15/1994	Damm et al	384	420	
	5,560,716	10/1/1996	Tank et al	384	492	
	5,641,921	6/24/1997	Dennis et al	75	230	
DI	5,898,388	4/27/1999	Hoffman et al	340	870.13	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
DI	GB 2 290 326	12/20/1995	United Kingdom	E21B	10/46	YES	NO
	GB 2 283 772	5/15/1995	United Kingdom	E21B	10/46	X	
	GB 2 290 327	12/20/1995	United Kingdom	E21B	10/46	X	
DI	GB 2 290 328	12/20/1995	United Kingdom	E21B	10/46	x	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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DI	4,058,856	11/22/1977	Doerre et al	3	1.91	
	4,693,722	9/15/1987	Wall	623	18	
	4,259,072	3/31/1981	Hirabayashi et al	433	173	
	4,332,037	6/1/1982	Esformes et al	3	1.91	
	5,304,192	5/19/1994	Crouse	606	181	
	5,401,269	3/28/1995	Buttner-Janz et al	623	17	
	5,441,488	8/15/1995	Shimura et al	604	265	
	5,496,318	3/5/1996	Howland et al	606	61	
	5,549,690	8/27/1996	Hollister et al	623	21	
	5,645,605	7/8/1997	Klawitter	623	21	
	5,725,582	5/10/1998	Bevan et al	623	17	
	5,769,891	7/23/1998	Clayton	623	10	
	5,108,432	4/28/1992	Gustavson	623	16	
	5,128,146	7/7/1992	Hirayama et al	424	484	
	5,133,757	7/28/1992	Sioshansl et al	623	18	
	5,192,323	3/9/1993	Shetty et al	623	16	
	5,308,412	5/3/1994	Shetty et al	148	238	
	5,326,362	7/5/1994	Shetty et al	623	66	
	5,330,826	7/19/1994	Taylor et al	428	216	
	5,370,694	12/6/1994	Davidson	623	16	
	5,372,660	12/13/1994	Davidson et al	148	421	
	5,413,814	5/9/1995	Bowen et al	427	262	
	5,383,934	1/24/1995	Armini et al	623	16	
DI	5,415,704	5/16/1995	Davidson	148	316	

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01	4,865,603	9/12/1989	Noiles	623	18	
	5,429,883	7/4/1995	Sasaki et al	428	678	
	5,478,906	12/26/1995	Howard Jr.	526	352	
	5,498,302	3/12/1996	Davidson	148	317	
	5,593,719	1/14/1997	Dearnaley et al	427	2.26	
	5,605,938	2/25/1997	Roufa et al	514	59	
	5,824,651	10/20/1998	Nanci et al	514	21	
	Des. 265,204	7/29/1982	Turchan et al	D15	130	
	4,651,374	3/24/1987	Turchan	10	130	
	4,761,844	8/9/1988	Turchan	10	140	
	4,934,040	6/19/1990	Turchan	29	566	
	4,964,766	10/23/1990	Turchan et al	409	225	
	5,054,682	10/8/1991	Mistry	228	194	
	5,413,438	5/9/1995	Turchan	409	66	
	5,429,459	7/4/1995	Palm	409	66	
	5,508,368	4/16/1996	Knapp et al	427	534	
	5,515,500	5/14/1996	Liu et al	423	466	
	Re 35,255	5/28/1996	Turchan	409	74	
	5,549,190	8/27/1996	Turchan	198	403	
	5,554,415	9/10/1996	Turchan et al	427	248	
	5,620,285	4/15/1997	Turchan	409	132	
	5,620,754	4/15/1997	Turchan et al	427	554	
	5,621,965	8/22/1997	Turchan	29	559	
01	5,635,243	7/3/1997	Turchan et al	427	248	

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